

MFJ Duplexer and Triplexer Instruction

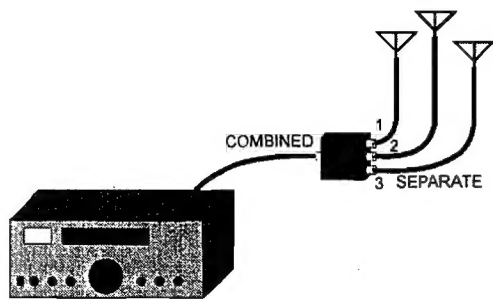
Duplexer Specifications:

MFJ Model No	Band Pass Freq. (MHz)	Power	Insertion Loss	VSWR	Isolation	Impedance	Separate Connectors	Combined Connector
MFJ-916BC	1.6-225	250W	0.20 dB	<1.2	>50 dB	50 ohm	Cable w/PL-259	SO-239
	350-540	200W	0.20 dB	<1.2	>50 dB	50 ohm	Cable w/PL-259	
MFJ-4906S	1.6-30	600W	0.20 dB	<1.2	>50 dB	50 ohm	SO-239	SO-239
	50-54	600W	0.30 dB	<1.2	>50 dB	50 ohm	SO-239	
MFJ-4916S	1.6-56	600W	0.20 dB	<1.2	>50 dB	50 ohm	SO-239	SO-239
	140-470	600W	0.30 dB	<1.2	>50 dB	50 ohm	SO-239	

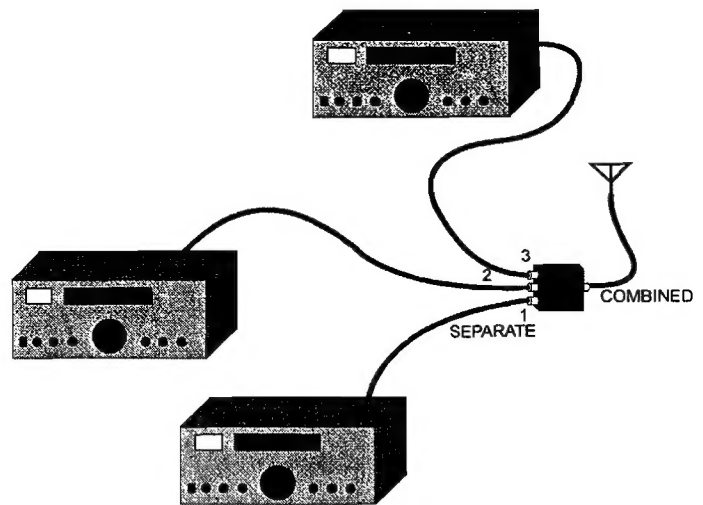
Triplexer Specifications:

MFJ Model No	Band Pass Freq. (MHz)	Power	Insertion Loss	VSWR	Isolation	Impedance	Separate Connectors	Combined Connector
MFJ-4926C	1.6-60	800W	0.15 dB	<1.2	>60 dB	50 ohm	Cable w/PL-259	SO-239
	110-170	800W	0.20 dB	<1.2	>60 dB	50 ohm	Cable w/PL-259	
	350-570	500W	0.25 dB	<1.2	>60 dB	50 ohm	Cable w/PL-259	
MFJ-4926S	1.6-60	800W	0.15 dB	<1.2	>60 dB	50 ohm	SO-239	SO-239
	110-170	800W	0.20 dB	<1.2	>60 dB	50 ohm	SO-239	
	350-570	500W	0.25 dB	<1.2	>60 dB	50 ohm	N-Female	
MFJ-4936S	1.6-150	800W	0.20 dB	<1.2	>40-50 dB	50 ohm	SO-239	SO-239
	220-225	600W	0.30 dB	<1.2	>40-50 dB	50 ohm	SO-239	
	400-550	500W	0.40 dB	<1.2	>40-50 dB	50 ohm	SO-239	
MFJ-4946SN	1.6-160	800W	0.20 dB	<1.2	>50 dB	50 ohm	SO-239	N-Female
	350-550	500W	0.30 dB	<1.2	>50 dB	50 ohm	SO-239	
	850-1300	200W	0.40 dB	<1.2	>50 dB	50 ohm	N-Female	

Diagrams show a triplexer. Duplexers will only have two separate ports instead of the three shown.



Multi-band radio to single band antennas.
Connect the radio to COMBINED or MIX port and connect the correct band antennas to the SEPERATE ports.



Single band radios to multi band antenna.
Connect the multiband antenna to the COMBINED or MIX port and connect the proper band radios to the SEPERATE ports.

12 MONTH LIMITED WARRANTY

MFJ Enterprises, Inc. Warrants to the original owner of this product, if manufactured by MFJ Enterprises, Inc. and purchased from an authorized dealer or directly from MFJ Enterprises, Inc. to be free from defects in material and workmanship for a period of 12 months from date of purchase provided the following terms of this warranty are satisfied.

1. The purchaser must retain the dated proof-of-purchase (bill of sale, canceled check, credit card or money order receipt, etc.) describing the product to establish the validity of the warranty claim and submit the original or machine reproduction of such proof-of-purchase to MFJ Enterprises, Inc. at the time of warranty service. MFJ Enterprises, Inc. shall have the discretion to deny warranty without dated proof-of-purchase. Any evidence of alteration, erasure, or forgery shall be cause to void any and all warranty terms immediately.
2. MFJ Enterprises, Inc. agrees to repair or replace at MFJ's option without charge to the original owner any defective product under warranty, provided the product is returned postage prepaid to MFJ Enterprises, Inc. with a personal check, cashiers check, or money order for \$12.00 covering postage and handling.
3. MFJ Enterprises, Inc. will supply replacement parts free of charge for any MFJ product under warranty upon request. A dated proof-of-purchase and a \$8.00 personal check, cashiers check, or money order must be provided to cover postage and handling.
4. This warranty is NOT void for owners who attempt to repair defective units. Technical consultation is available by calling (662) 323-5869.
5. This warranty does not apply to kits sold by or manufactured by MFJ Enterprises, Inc.
6. Wired and tested PC board products are covered by this warranty provided only the wired and tested PC board product is returned. Wired and tested PC boards installed in the owner's cabinet or connected to switches, jacks, or cables, etc. sent to MFJ Enterprises, Inc. will be returned at the owner's expense unrepaid.
7. Under no circumstances is MFJ Enterprises, Inc. liable for consequential damages to person or property by the use of any MFJ products.
8. Out-of-warranty Service: MFJ Enterprises, Inc. will repair any out-of-warranty product provided the unit is shipped prepaid. All repaired units will be shipped COD to the owner. Repair charges will be added to the COD fee unless other arrangements are made.
9. This warranty is given in lieu of any other warranty expressed or implied.
10. MFJ Enterprises, Inc. reserves the right to make changes or improvements in design or manufacture without incurring any obligation to install such changes upon any of the products previously manufactured.
11. All MFJ products to be serviced in-warranty or out-of-warranty should be addressed to MFJ Enterprises, Inc., 300 Industrial Park Road, Starkville, Mississippi 39759, USA and must be accompanied by a letter describing the problem in detail along with a copy of your dated proof-of-purchase.
12. This warranty gives you specific rights, and you may also have other rights which vary from state to state.